

### ***DISTRICT 17 CURRICULUM MAP***

Oromocto High School	Teacher: Joy Belyea	Grade 10	<u>Discipline:</u> Geometry, Measurement & Finance 10
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<b><i>Year: 2012</i></b>	<b><i>February</i></b>	<b><i>March</i></b>	<b><i>April-May</i></b>	<b><i>January</i></b>
<b><i>Content Theme Topic Area</i></b>	<b>Unit 1: Numbers (N1-5): (4 weeks)</b>	<b>Unit 2: Measurement Measurement (M1-5): (4 weeks)</b>	<b>Unit 3: Geometry (G1-5): (8 weeks)</b>	<b>Exam Review: (1 week)</b>
<b><i>Outcomes Essential Questions</i></b>	<b>N1-N5</b> Solve finance problems using proportional reasoning, demonstrate an understanding of income, compound interest, financial institution services and credit options.	<b>M1-M5</b> Demonstrate an understanding of SI units & imperial units, solve problems in linear, 2D (area) and 3D (volume)	<b>G1-G5</b> Apply the Pythagorean theorem and trigonometric ratios, solve problems involving parallel, perpendicular lines and the angles formed between them.	<b>A1 &amp; G1</b> Algebra (A1) and Geometry (G1) Develop Algebraic reasoning & analyze puzzles and games <b>(covered throughout semester)</b>
<b><i>Skills</i></b>	<b>Achievement Indicators: (see curriculum guide)</b> N1 - page 23 N2 - page 27 N3 - page 30 N4 - page 33 N5 - page 35	<b>Achievement Indicators: (see curriculum guide)</b> M1 - page 53 M2 - page 56 M3 - page 59 M4 - page 62 M5 - page 64	<b>Achievement Indicators: (see curriculum guide)</b> G2 - page 40 G3 - page 44 G4 - page 48 G5 - page 50	

<i>Assessment</i>	<ul style="list-style-type: none"> <li>• Daily homework</li> <li>• Notebook checks</li> <li>• Individual &amp; group assignments</li> <li>• Weekly quizzes</li> <li>• Unit Test</li> <li>• Project</li> <li>• Journal</li> </ul>	<ul style="list-style-type: none"> <li>• Daily homework</li> <li>• Notebook checks</li> <li>• Individual &amp; group assignments</li> <li>• Weekly quizzes</li> <li>• Unit Test</li> <li>• Project</li> <li>• Journal</li> </ul>	<ul style="list-style-type: none"> <li>• Daily homework</li> <li>• Notebook checks</li> <li>• Individual &amp; group assignments</li> <li>• Weekly quizzes</li> <li>• Unit Test</li> <li>• Project</li> <li>• Journal</li> </ul>	
<i>Key Resources/ Materials</i>	<p>Chapter 1: Unit pricing and currency exchange Chapter 2: Earning an income Chapter __: Financial Services</p> <p>Calculators and old math textbooks (Principles and processes)</p>	<p>Chapter 3: Length, Area and Volume Chapter 4: Mass, Temperature and Volumes</p> <p>Large Folding Geometric shapes, Grid Paper, Calculators, Prism and cylinders, old math textbooks (Principles and processes)</p>	<p>Chapter 5: Angles and Parallel lines, Chapter 6: Similarity of Figures Chapter 7: Trigonometry of Right Triangles</p> <p>Rulers, Calculators, geometry set and old math textbooks (Principles and processes)</p>	